



Patent  
AHP 98248-02  
U.S.S.N. 09/775,750

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re of Application of: **Berend JONGSMA et al.**

Serial No.: **09 / 775,750** Group No.: **1648**

Filed: **February 2, 2001** Examiner: **S. Foley**

For: **IN OVO PROTECTION AGAINST INFECTIOUS BRONCHITIS**

Confirmation No.: **9381**

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*Amtd. D*  
*08/21/02*  
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Customer No.: **25291**

AUG 20 2002

Commissioner for Patents  
Washington, DC 20231

TECH CENTER 1600/2900

AMENDMENT AND RESPONSE UNDER 37 C.F.R. §1.111

Responsive to the Official Action mailed May 22, 2002, please amend the above-captioned application as follows:

IN THE CLAIMS:

Please cancel claims 1 – 14 and 23 without prejudice or disclaimer.

Please amend claims 15, 16 and 24 to read as follows:

*D* *cont'd*  
15. An in ovo vaccine for protecting chickens from exposure to virulent infectious bronchitis virus, wherein said vaccine consists essentially of a solution containing, on a chicken egg basis, a live avirulent strain of infectious bronchitis virus in an immunogenically-effective amount within the range of about  $10^{1.0}$  EID<sub>50</sub> per egg to about  $10^{2.0}$  EID<sub>50</sub> per egg, wherein said solution is a reconstituted solution of a commercial vaccine against infectious bronchitis which has not been approved or indicated for in ovo administration.

CERTIFICATION UNDER 37 CFR 1.10

I hereby certify that this paper and the documents referred to as enclosed therein are being deposited with the United States Postal Service on the date written below in an envelope as "Express Mail Post Office to Addressee" Mailing Label Number **EV 100597714 US** addressed to the Commissioner for Patents, Washington, DC 20231.

Aug. 15, 2002  
Date

Cecilia Chessell  
Cecilia Chessell II



08-16-02

FAC 1648  
Docket No: AHP98248-02  
Patent

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**Berend JONGSMA et al.**

Serial No.:

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Group Art No.:

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August 15, 2002

Sir:

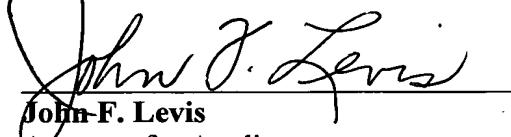
TRANSMITTAL LETTER

1. Enclosed please find the following documents for the above-identified application:

Amendment and Response to Office Action mailed on **May 22, 2002**

The Commissioner is hereby authorized to charge any additional fees required by this paper, including the enclosed documents, and during the entire pendency of this application and to credit any excess amounts paid to **Deposit Account No. 01-1425**. A copy of this letter is enclosed for use by the Deposit Account Branch.

Respectfully submitted,



**John F. Levis**  
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Reg. No. 32,410

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**CERTIFICATE OF MAILING 37 CFR §1.10**

I hereby certify that this paper and the documents referred to as enclosed therein are being deposited with the United States Postal Service on the date written below in an envelope as "Express Mail Post Office to Addressee" Mailing Label Number EV 100597714 US addressed to the Commissioner for Patents, Washington, DC 20231.

Date

August 15, 2002

Cecilia Chessell

**Cecilia Chessell**